

**PRODUCT PERFORMANCE / EFFICACY REVIEW**

Mark Suarez, Entomologist - IB

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2 OCTOBER 2007

**DATE:** 2 October 2007

**EPA REG. NUMBER:** 11556-RUR  
11556-RUE  
11556-RUG  
11556-RUU

**PRODUCT NAME:** K9 Advantix Plus 10 (-RUR)  
K9 Advantix Plus 20 (-RUE)  
K9 Advantix Plus 55 (-RUG)  
K9 Advantix Plus 100 (-RUU)

**REGISTRANT:** Bayer Health Care, LLC

**PM:** George LaRocca, PM13  
**REVIEWER:** Linda DeLuise

**DECISION #:** 373109 (-RUR)  
373108 (-RUE)  
373107 (-RUG)  
373111(-RUU)

**DP BARCODE:** 335281, 342519 (-RUR)  
335278 (-RUE)  
335275 (-RUG)  
335269 (-RUU)

**ACTION:** R31

**ACTIVE INGREDIENT(S):** 109701, Permethrin.....44%  
129099, Imidacloprid.....8.8%  
129032, Pyriproxyfen.....0.44%

**TYPE:** Dog Spot-On

**OPPTS GUIDELINE(S):** 810.3300

**MRIDs CITED:**

45563011	44256902	43396410
45573501	44256903	45086801
43679609	46978901	47190401
43679610	46978902	
44256901	43396409	

**SITES:** Dogs, >7 weeks of age  
**PESTS:** Fleas, Ticks, Mosquitoes, Lice, & Biting Flies

**LABEL APPLICATION RATE:** >0.04 ml/lb bodyweight for dogs up to 100 lbs  
**STUDY APPLICATION RATE:** Variable

#### **ENTOMOLOGIST'S COMMENTS AND RECOMMENDATIONS**

**DP 342519** included an updated data matrix label and revised labels for all four products, although the DP was associated with only 11556-RUR. The data matrix is considered current at this time; however the labels for all four products were superseded by a 25 September 2007 electronic submission. Only the 25 September 2007 product labels were reviewed.

It is of importance to note that the product has been registered at the same rates for similar products. This does not negate that fact that for all of these products the support for claims provided by MRID 45086801 is marginal at best.

The claims made on the label are generally acceptable.

The labeling is consistent with that found on EPA Reg. Nos. 11556-132, -133, -134, & -135 (fleas, ticks, mosquitoes, and biting flies) and 11556-128, -125, -127, & -130 (lice). The addition of claims regarding the ovicidal properties of the proposed formulation is consistent with claims on other product labels containing pyriproxyfen (Nylar).

Remove the claim "Kills [(biting)(chewing)] lice, which may serve as intermediate hosts for tapeworms (*Dipylidium caninum*). Fleas, not lice, are the intermediate host of *D. caninum*.

#### **Enclosure**

011556-00RUR, -RUE, -RUG, -RUU-ER